

STATE OF WASHINGTON
DEPARTMENT OF FISH & WILDLIFE
LANDS AND RESTORATION SERVICES PROGRAM
Salmonid Screening, Habitat Enhancement &
Restoration Division (SSHEAR)

OFF-CHANNEL SITE INVENTORY DATA

General Information:

Region: North Coast	Observer(s): Nettnin
River System: Sol Duc	Date: 3/10/98
Site Identifier: S-0314	WRIA: 20.0314
River Mile Location: 3.7mi.	RB/LB: RS (Right Shore)
Local Name: Unnamed	Trib. to: Lake Pleasant (20.0313)
Legal Description: SE ¼ Sec 26 T30N R13W	County: Clallam
Habitat Type: Valley Wall Trib	
Landowner: <input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> County <input type="checkbox"/> Other Government <input checked="" type="checkbox"/> Private - Possibly Rayonier Timber Operations Company - Other unknown private owners	

Directions to site:

North from Forks on Highway 101 to MP 200.5. Turn left onto West Lake Pleasant Road, then turn to the right just past the bridge over Lake Creek. Continue to the end of the blacktop. Just beyond the beginning of the gravel road (9000 line) is 20.0314.

Site Overview:

This is one of the larger tributaries in the Lake Creek system. This channel flows off the southeast flank of Tyee Ridge through a V-notch valley. It drains approximately 200 acres of harvested, commercial forest. In the past, water from this tributary was used for commercial and/or domestic use. The dam is abandoned and is in very poor condition. It is still a barrier. The overall length of the stream is about 1.2 miles, the usable length is about 0.3 mile.

Habitat Information:

Water source: Tributaries and surface runoff

Intermittent/year-around: Year-around

Estimated flows (cfs): Lower end: 1 - 3 Upper end: 1 - 3

Water temperatures: Lower end: 6.5°C Upper end: 6.5°C

Adjacent stream temperature (Lake Pleasant): 6.5°C

Other water observations: Clear water

Site area measurements: ☐ Indirect ☐ Direct ☒ Combination

Widths: Channel- 3.0 - 4.0 m Pond- NA Wetlands- NA

Depths: Channel- 8 - 25 cm Pond- NA Wetlands- NA

Total length surveyed (includes ponds and wetlands): 530 m

Total existing habitat area (est.): $\approx 1600 \text{ m}^2$

Spawning area: $\approx 100 \text{ m}^2$

Impounded area: 0 m^2

Other rearing area: 1500 m^2

Spawning Habitat conditions: ☐ None ☐ Poor ☐ Fair ☒ Good ☐ Excellent

Describe spawning habitat:

- Numerous tailout and riffles.
- Fines degrade the spawning gravel quality in some areas but it is good overall.

Rearing habitat conditions: ☐ None ☐ Poor ☒ Fair ☐ Good ☐ Excellent

Describe pond and other rearing habitat:

- The reach below the 9000 line has a gradient between one and five percent. There are pools and glides that coho can use.
- The reach above the 9000 line is steeper (7 - 22%) with a pool/step profile which favors trout.

Describe inaccessible habitat:

- The 200 meter reach above the old dam is 12 - 22% - pool/step.
- There is log jam that poses a problem. A cascade of steps that have falls of one to two meters onto boulders. Then, there is a eight meter high debris pile which appears have been a sluice deposit.

Describe wetland: ☐ Bog ☐ Marsh ☐ Scrub-shrub Wetland ☐ Forested Wetland

- None associated with this channel.

Flooding potential: ☐ Low ☐ Medium ☒ High

- Flashy flows from within the system.

Fish Information:

Site entry condition to Lake Creek: ☐ Poor ☐ Fair ☒ Good

Coho access and use:

Juvenile- ☒ Unknown ☐ None ☐ Poor ☐ Fair ☐ Good

Adult- ☒ Unknown ☐ None ☐ Poor ☐ Fair ☐ Good

- Spawning is documented in this stream. Data is available from the Quileute tribe or from WDFW.

Other species access and use: ☐ Chum ☐ Pink ☒ Sockeye ☐ Chinook ☒ Trout

- It is assumed trout use this stream. One 8 - 10 cm fish was observed.
- It is possible sockeye use this stream for spawning.
- Access is open to all species.

Habitat Improvements:

Enhancement opportunities:

Possible project type:

- Remove the trash from the stream: Plastic sheeting, barrel, vacuum, axle, transmission, etc. This was proposed to DNR for a community cleanup project. Unsure if it was ever completed.
- Replace both multiple culvert crossings.
- Maintain the integrity of the stream.

Equipment access: Good access.

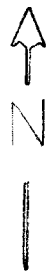
Additional Comments:

- Appears that the reach around the lower road crossing (private) is dredged from time to time.
- The old dam has a concrete face, the RB is beginning to wash out.
- There was an abundance of trash on the banks and in the stream where it flows near residences.

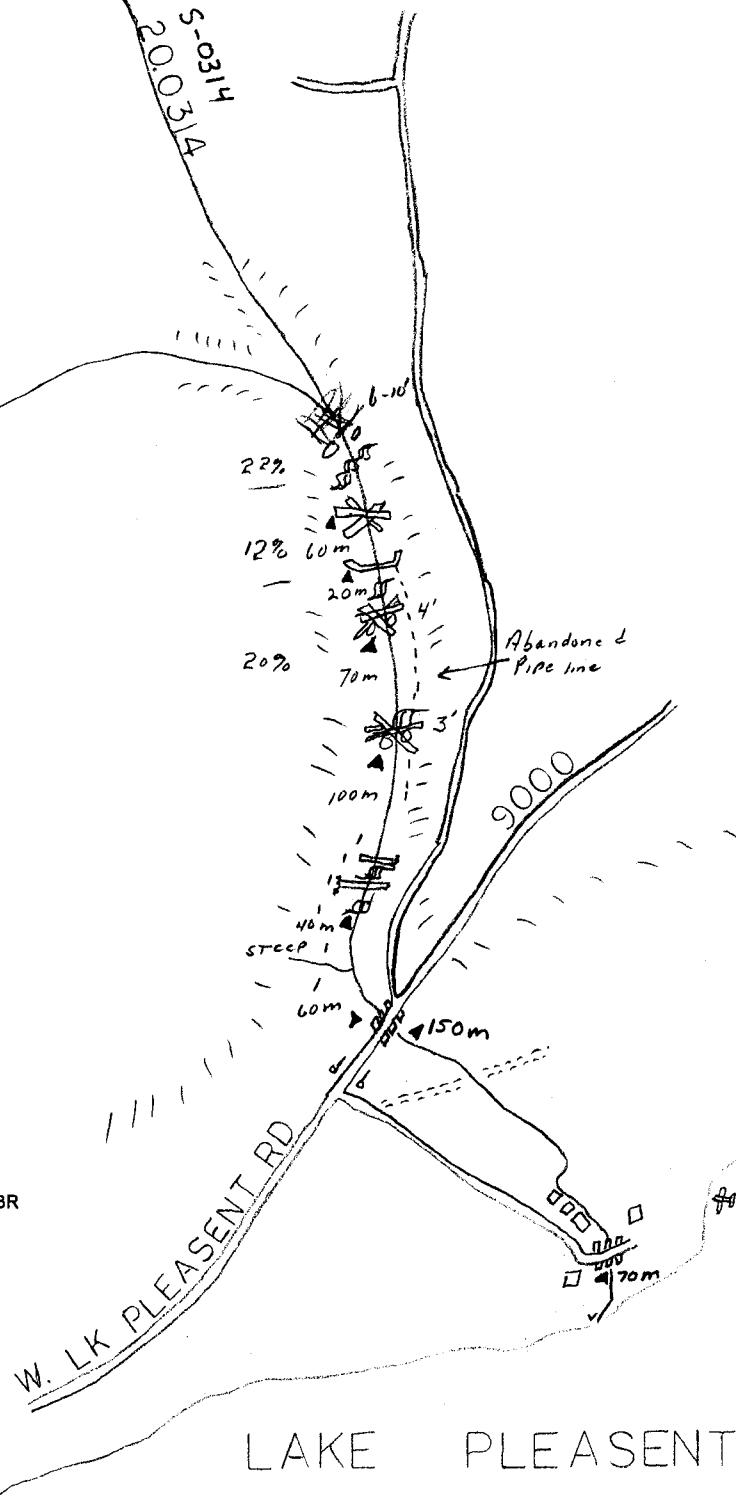
Attachments Available:

Contact respective SSHEAR habitat biologist for the following checked items:

- | | | | |
|---|--|--|--|
| <input type="checkbox"/> Aerials | <input checked="" type="checkbox"/> Sketch | <input checked="" type="checkbox"/> Maps | <input checked="" type="checkbox"/> Culvert Report |
| <input type="checkbox"/> Other references | <input checked="" type="checkbox"/> Spawning surveys | <input type="checkbox"/> Juvenile trapping | <input type="checkbox"/> Fishway Report |



TYEE HILL



RIVER: SOL DUC

TRIB: Lake Creek - WRIA: 20.0313 - Area: S-313R

SITE: S-0314 WRIA: 20.0314

NAME: Unnamed trib to Lake Pleasant

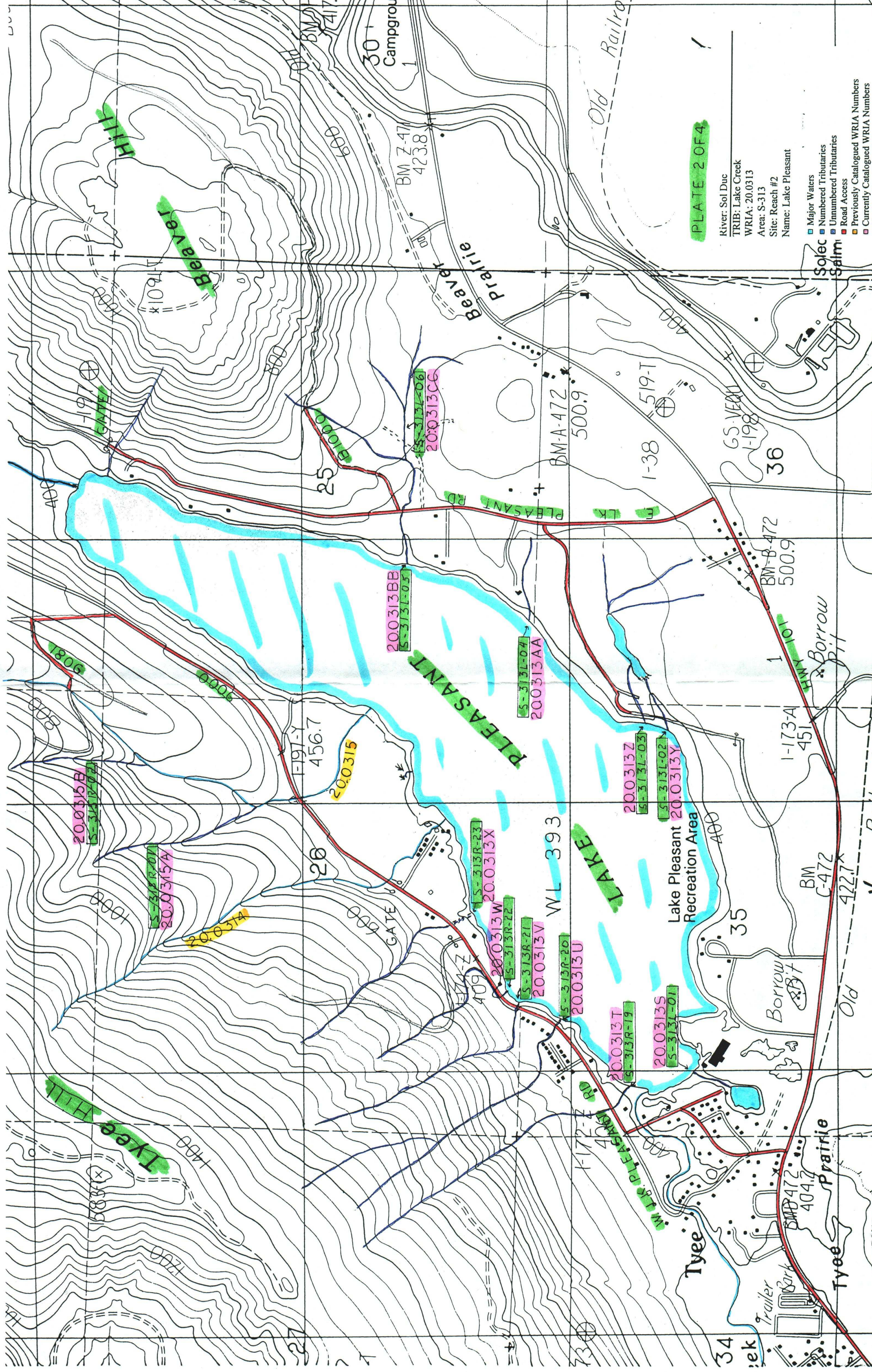


PLATE 2 OF 4

River: Sol Duc
TRIB: Lake Creek
WRIA: 20.0313
Area: S-313
Site: Reach #2
Name: Lake Pleasant

- Major Waters
- Numbered Tributaries
- Unnumbered Tributaries
- Road Access
- Previously Cataloged WRIA Numbers
- Currently Cataloged WRIA Numbers